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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/016,505
Filing Date	December 10, 2001
First Named Inventor	Laird
Art Unit	1634
Examiner Name	Jeanine Anne Goldberg
Attorney Docket Number	47675-62

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JK	US1	US-5,876,930	03-02-1999	Flood et al.	
	US2	US-5,804,375	09-08-1998	Gelfand et al.	
	US3	US-5,736,333	04-07-1998	McBride et al.	
	US4	US-5,866,336	02-02-1999	Nazarenko et al.	
	US5	US-5,210,015	05-11-1993	Gelfand et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
JK	F1	WO 9746705	12-11-1997	Univ Johns Hopkins Med		

Examiner
Signature

J. Goldberg

Date

Considered

10/26/04

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				Examiner Name	Jeanine Anne Goldberg
Sheet	2	of	2	Attorney Docket Number	47675-62

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
JP	O1	HERMAN, J.G. et al., Methylation-specific PCR: A novel PCR Assay for Methylation Status of CPG Islands, Proc. Natl. Acad. Sci. 93:9821-9826, 1996		
	O2	ZESCHNIGK, M. et al., A single-tube PCR test for the diagnosis of Angelman and Prader-Willi Syndrome based on allelic methylation differences at the SNRPN locus, Eur. J. Human Genet. 5:94-98, 1997		
	O3	KUBOTA, T. et al., A new assay for the analysis of X-chromosome inactivation based on methylation-specific PCR, Human Genet. 104:49-55, 1999		
	O4	BERNARD, P.S. et al., Homogeneous multiplex genotyping of hemochromatosis mutations with fluorescent hybridization probes, Am. J. Pathol. 153:1055-1061, 1998		
	O5	LEE, L.G. et al., Allelic Discrimination BZ nick-translation PCR with fluorogenic probes, Nucl. Acids. Res. 21:3761-3766, 1993		
	O6	HEID, C.A. et al., Real time quantitative PCR, Genome Research, Cold Spring Harbor Laboratory Press 6:986-994, 1996		
	O7	GIBSON, U.E.M. et al., A novel method for real time quantitative RT-PCR, Genome Research, Cold Spring Harbor Laboratory Press 6:995-1001, 1996		
	O8	LIVAK, K.J. et al., Oligonucleotides with fluorescent dyes at opposite ends provide a quenched probe system useful for detecting PCR product and nucleic acid hybridization, PCR Methods and Applications, 4:357-362, 1995		
	O9	SWAN, David C. et al., A sensitive type-specific, fluorogenic probe assay for detection of human papillomavirus DNA, J. Clin. Microbiol. 35:886-891, 1997		
	O10	TYAGI, S. et al., Multicolor molecular beacons for allele discrimination, Nature Biotechnology, 16:49-53, 1998		



O11	FROMMER, M. et al., A genomic sequencing protocol that yields a positive display of 5-methylcytosine residues in individual DNA strands, Proc. Natl. Acad. Sci. 89:1827-1831, 1992	
O12	REIN et al., Identifying 5-methylcytosine and related modifications in DNA genomes, Nucl. Acids Res. 26:2255-2264, 1998	
O13	HOLLAND, P.M. et al., Detection of specific polymerase chain reaction product by utilizing the 5' → 3' exonuclease activity of <i>thermus aquaticus</i> DNA polymerase, Proc. Natl. Acad. Sci. 88:7276-7280, 1991	
O14	NAZARENKO et al., A closed tube format for amplification and detection of DNA based energy transfer, Nucl. Acids. Res. 25:2516-2521, 1997	
O15	TYAGI, S. et al., Molecular Beacons: Probes that fluoresce upon hybridization, Nature Biotechnology 14:303-308, 1996	

Examiner Signature	<i>J. Goldberg</i>	Date Considered	<i>10/26/04</i>
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